

MEMORANDUM FOR MR. TOLSON

A/B, IV, 7, 5

SUBJECT: Deception

Place: Office of [REDACTED]
 Date: 2:30 P.M. 16 January 1964
 Report: [REDACTED]

1. [REDACTED] stated the feeling he obtained he had called it to discuss the polygraph as a valid device for detecting deception. He had encountered a great faith in it on the part of people that had a great suspicion on the part of most trained psychologists who were not active through it.

2. [REDACTED] they discussed a book on lie detection [REDACTED] which states that experience has shown that a trained operator using a polygraph can determine the nature of the deception being practiced in 80% of the cases where deception exists. The discussion will include the 1. of persons assumed to exist who have no response to the polygraph technique. [REDACTED] stated that in running several thousand cases they have never encountered such a person.

3. [REDACTED] stated that evaluation of the polygraph requires answers to the following questions:

a. Have our studies been made as to its reliability in measuring the response? It is supposed to measure?

b. What limitations exist? The problem is an on-again or, but then do we then getting some other responses. Studies have shown that false responses are often confused with the responses. Denial of the same feeling. All have to be portable in mind. The M-501 of the present E-ther equipment is available on upper weight limit.

c. Is there such a difference in opinion as to the reliability of the polygraph? (as far as I know)

d. Has any study scientifically evaluated one polygraph over another?

e. Has any one established a standardized degree of training for polygraph operators?

4. If the treatment is a valid technique, how can it improve the legal application in civil courts of the defendant - the [redacted] is finding it much more useful in situations that [redacted] is looking a large number of questions at [redacted] H

5. [redacted] raised the question as to whether or not the polygraph could be used as a means of securing intelligence due to its detecting responses. C

6. [redacted] stated he felt any project that could be developed could be related to the one now under way for the [redacted] for which there is a basic study of the biochemistry of fatigue. Your interest in deception could be pinpointed to the biochemical responses of the nervous system. He stated that he knew [redacted] was interested in both these areas. C H

7. The encephalograph was mentioned. It was stated that [redacted] probably would not be using it as [redacted] was making a very thorough investigation of it at present. There is some work now being done at [redacted] on the device, but under whose sponsorship it was not known. C

8. Various related activities were mentioned as follows:

a. [redacted] was then interested for some years in a device for determining various stages in measuring blood flow. He has expressed interest in the detection of deception. C

b. There is a chemical stable in [redacted] which is specifically in the use of hypnosis in the treatment of nervous disorders. H

c. [redacted] mentioned a new drug called "Meprob" which is better than amphetamine at making persons talk freely. C

d. The existence of [redacted] was mentioned. C

9. In conclusion, it was decided that:

a. A complete and scientific investigation of all polygraphs is in order. This should:

(1) determine the best available

(2) determine how it could be improved

b. [redacted] such as hypnosis, is not acceptable within the scope of [redacted] and should be a part of the [redacted] which is to give [redacted] in the near future. C H, G

c. [redacted] who is now a consultant for [redacted] on other matters will speak to [redacted] about conducting the assignment of the polygraph investigation project to [redacted] C, H -